

IN THE CLAIMS:

Claim 7. (Currently amended) A reflector for a high pressure gas discharge luminous body, said reflector comprising an interior surface and an exterior surface that is formed by a heat- and/or light-shielding coating of temperature-resistant tenacious plastic [that consists of] having a fluoropolymer, wherein said reflector is useable in a data projector so that said heat- and/or light-shielding coating prevents damage to optical components and/or electronic components of said data projector upon explosion of said high-pressure gas discharge luminous body.

Claim 10. (Previously amended) The reflector as claimed in claim 7, wherein said coating extends over an entire circumference, but only over a part of a length of said reflector.

Claim 12. (Unamended) The reflector as claimed in claim 7, wherein said coating is transparent towards light and/or heat.

Claim 13. Canceled without prejudice

Please add new claims 14-23 as follows:

14. (New) An explosion resistant reflector for use with a high-pressure gas discharge lamp that is prone to explosion, comprising

a substrate having a first surface, a second surface opposite said first surface, said first surface being disposable proximate said high-pressure gas discharge lamp, said substrate being formed of a material selected from the group consisting of glass, glass-ceramic, and plastic; and

a protective plastic coating disposed on said second surface, said protective plastic coating having a first thickness, said first thickness being sufficient to retain particles of said substrate upon explosion of said high-pressure gas discharge lamp.

15. (New) The explosion resistant reflector as in claim 14, further comprising a second thickness defined between said first and second surfaces, said second thickness being less than 4 millimeters.

16. (New) The explosion resistant reflector as in claim 15, wherein said second thickness is sufficient to resist thermal stress fractures inducable by heat emittable from said high-pressure gas discharge luminous lamp.

17. (New) The explosion resistant reflector as in claim 14, wherein said first thickness is between 5 μ to 50 μ .

18. (New) The explosion resistant reflector as in claim 14, wherein said first thickness is 40 μ .

19. (New) The explosion resistant reflector as in claim 14, wherein said protective plastic coating forms a continuous layer over all of said second surface.

20. (New) The explosion resistant reflector as in claim 14, wherein said protective plastic coating forms a ring about a portion of said second surface.

21. (New) The explosion resistant reflector as in claim 14, wherein said protective plastic coating is permeable towards light and/or heat.

22. (New) The explosion resistant reflector as in claim 14, wherein said protective plastic coating is unpermeable towards light and/or heat.

23. (New) The explosion resistant reflector as in claim 14, wherein said explosion resistant reflector is useable in a data projector so that said protective plastic coating prevents damage to optical components and/or electronic components of said data projector upon explosion of said high-pressure gas discharge lamp.